



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#39
S. Zand
8/8/03

In re Application of:

Conf. No.: 1932

MURAKOSHI et al.

Art Unit: 2152

Application No. 08/990,981

Examiner: P. Kang

Filed: December 15, 1997

Atty. Docket No. 107156-07043

For: COMPUTER FOR REPRODUCTION MEDIUM

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ASSOCIATE POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
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Date: August 4, 2003

Sir:

The undersigned, the attorney of record in connection with the above-identified application, hereby grants and appoints as associate attorneys to conduct all business before the United States Patent and Trademark Office relative to said application:

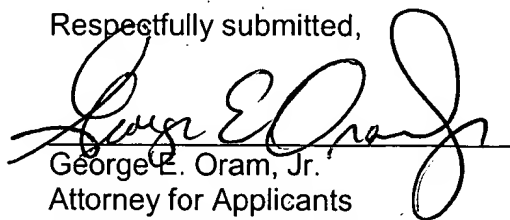
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